

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/642,248B
Source: 1FW/b
Date Processed by STIC: 2/15/07

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 02/15/2007

PATENT APPLICATION: US/10/642,248B

TIME: 16:44:31

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Output Set: N:\CRF4\02152007\J642248B.raw

C--> 1 <110> APPLICANT: DeAngelis, Paul
 2 Jing, Wei
 3 <120> TITLE OF INVENTION: TARGETED GLYCOSAMINOGLYCAN POLYMERS BY POLYMER GRAFTING AND
 4 METHODS OF MAKING AND USING SAME
 5 <130> FILE REFERENCE: 3554.097
 6 <140> CURRENT APPLICATION NUMBER: US/10/642,248B
 7 <141> CURRENT FILING DATE: 2003-08-15
 8 <150> PRIOR APPLICATION NUMBER: 60/404,356
 9 <151> PRIOR FILING DATE: 2002-08-16
 10 <150> PRIOR APPLICATION NUMBER: 60/479,432
 11 <151> PRIOR FILING DATE: 2003-06-18
 12 <150> PRIOR APPLICATION NUMBER: 60/491,362
 13 <151> PRIOR FILING DATE: 2003-07-31
 14 <150> PRIOR APPLICATION NUMBER: 10/195,908
 15 <151> PRIOR FILING DATE: 2002-07-15
 16 <150> PRIOR APPLICATION NUMBER: 09/437,277
 17 <151> PRIOR FILING DATE: 1999-11-01
 18 <150> PRIOR APPLICATION NUMBER: 60/107,929
 19 <151> PRIOR FILING DATE: 1998-11-11
 20 <150> PRIOR APPLICATION NUMBER: 09/283,402
 21 <151> PRIOR FILING DATE: 1999-04-01
 22 <150> PRIOR APPLICATION NUMBER: 60/080,414
 23 <151> PRIOR FILING DATE: 1998-04-02
 24 <150> PRIOR APPLICATION NUMBER: 09/842,484
 25 <151> PRIOR FILING DATE: 2001-04-25
 26 <150> PRIOR APPLICATION NUMBER: 60/199,538
 27 <151> PRIOR FILING DATE: 2000-04-25
 28 <150> PRIOR APPLICATION NUMBER: 10/142,143
 29 <151> PRIOR FILING DATE: 2002-05-08
 30 <150> PRIOR APPLICATION NUMBER: 60/289,554
 31 <151> PRIOR FILING DATE: 2001-05-08
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 42 aaatgcaaag aaaaactctc agcacatcct tctgttaatt cagcacatct ttctgtaa 180
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see p. 6

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93	<213>	ORGANISM: Pasteurella multocida					
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98 20 25 30
99 Lys Ile Val Glu Phe Gln Ile Thr Lys Cys Lys Glu Lys Leu Ser Ala
100 35 40 45
101 His Pro Ser Val Asn Ser Ala His Leu Ser Val Asn Lys Glu Glu Lys
102 50 55 60
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104 65 70 75 80
105 Ser Asn Val Lys Lys Leu Val Leu Ser Asp Ser Glu Lys Asn Thr Leu
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108 100 105 110
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110 115 120 125
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122 210 215 220
123 Phe Gln Ala Ser Ala Ala Arg Asn Met Gly Leu Arg Leu Ala Lys Tyr
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149	Asp Ser His Ile Asn Arg Val Pro Leu Val Ser Ile Tyr Ile Pro Ala			
150		435	440	445
151	Tyr Asn Cys Ala Asn Tyr Ile Gln Arg Cys Val Asp Ser Ala Leu Asn			
152		450	455	460
153	Gln Thr Val Val Asp Leu Glu Val Cys Ile Cys Asn Asp Gly Ser Thr			
154	465	470	475	480
155	Asp Asn Thr Leu Glu Val Ile Asn Lys Leu Tyr Gly Asn Asn Pro Arg			
156		485	490	495
157	Val Arg Ile Met Ser Lys Pro Asn Gly Gly Ile Ala Ser Ala Ser Asn			
158		500	505	510
159	Ala Ala Val Ser Phe Ala Lys Gly Tyr Tyr Ile Gly Gln Leu Asp Ser			
160		515	520	525
161	Asp Asp Tyr Leu Glu Pro Asp Ala Val Glu Leu Cys Leu Lys Glu Phe			
162		530	535	540
163	Leu Lys Asp Lys Thr Leu Ala Cys Val Tyr Thr Thr Asn Arg Asn Val			
164	545	550	555	560
165	Asn Pro Asp Gly Ser Leu Ile Ala Asn Gly Tyr Asn Trp Pro Glu Phe			
166		565	570	575
167	Ser Arg Glu Lys Leu Thr Thr Ala Met Ile Ala His His Phe Arg Met			
168		580	585	590
169	Phe Thr Ile Arg Ala Trp His Leu Thr Asp Gly Phe Asn Glu Lys Ile			
170		595	600	605
171	Glu Asn Ala Val Asp Tyr Asp Met Phe Leu Lys Leu Ser Glu Val Gly			
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173	Lys Phe Lys His Leu Asn Lys Ile Cys Tyr Asn Arg Val Leu His Gly			
174	625	630	635	640
175	Asp Asn Thr Ser Ile Lys Lys Leu Gly Ile Gln Lys Lys Asn His Phe			
176		645	650	655
177	Val Val Val Asn Gln Ser Leu Asn Arg Gln Gly Ile Thr Tyr Tyr Asn			
178		660	665	670
179	Tyr Asp Glu Phe Asp Asp Leu Asp Glu Ser Arg Lys Tyr Ile Phe Asn			
180		675	680	685
181	Lys Thr Ala Glu Tyr Gln Glu Glu Ile Asp Ile Leu Lys Asp Ile Lys			
182		690	695	700
183	Ile Ile Gln Asn Lys Asp Ala Lys Ile Ala Val Ser Ile Phe Tyr Pro			
184	705	710	715	720
185	Asn Thr Leu Asn Gly Leu Val Lys Lys Leu Asn Asn Ile Ile Glu Tyr			
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187	Asn Lys Asn Ile Phe Val Ile Val Leu His Val Asp Lys Asn His Leu			
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189	Thr Pro Asp Ile Lys Lys Glu Ile Leu Ala Phe Tyr His Lys His Gln			
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191	Val Asn Ile Leu Leu Asn Asn Asp Ile Ser Tyr Tyr Thr Ser Asn Arg			
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201	His Pro Pro Phe Lys Lys Leu Ile Lys Thr Tyr Phe Asn Asp Asn Asp	
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203	Leu Lys Ser Met Asn Val Lys Gly Ala Ser Gln Gly Met Phe Met Thr	
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205	Tyr Ala Leu Ala His Glu Leu Leu Thr Ile Ile Lys Glu Val Ile Thr	
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207	Ser Cys Gln Ser Ile Asp Ser Val Pro Glu Tyr Asn Thr Glu Asp Ile	
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226	aaatgtaaag aaaaactctc gaccaattct tatgtaagtg aagataaaaa aaacagtgtt	240
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:68; Xaa Pos. 73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91
Seq#:68; Xaa Pos. 92,93,96
Seq#:83; Xaa Pos. 12,20,30

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 3
Seq#:25; Line(s) 1241
Seq#:68; Line(s) 3008,3012,3033

VERIFICATION SUMMARY

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L:6 M:270 C: Current Application Number differs, Replaced Current Application Number
L:2435 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0
L:2464 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0
L:2976 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:0
M:341 Repeated in SeqNo=67
L:3040 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:0
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L:3724 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83 after pos.:0
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